

**NATIONAL DEAFNESS AND OTHER COMMUNICATION DISORDERS
ADVISORY COUNCIL**

January 20, 2006

**National Institutes of Health
Bethesda, Maryland**

MINUTES

The National Deafness and Other Communication Disorders Advisory Council convened on January 20, 2006 in Building 31, Conference Room 6, National Institutes of Health (NIH), Bethesda, MD. Dr. James F. Battey, Jr., Director, National Institute on Deafness and Other Communication Disorders (NIDCD), served as Chairperson. In accordance with Public Law 92-463, the meeting was:

Closed: January 20, 2006: 8:30 a.m. to 10:45 a.m. for review of individual grant applications; and

Open: January 20, 2006: 10:45 a.m. to 2:30 p.m. for the review and discussion of program development needs and policy.

Council members in attendance:¹

Dr. Barry W. Ache
Dr. Noma Anderson
Ms. Donna Bates Boucher
Dr. Patricia D. Cayne
Dr. Edward Conture
Dr. Nathan Fischel-Ghodsian
Dr. Susan Goldin-Meadow
Dr. Ray D. Kent

Dr. Richard T. Miyamoto
Dr. John J. Ngai
Dr. Donata Oertel
Ms. Myrna Orleck-Aiello
Dr. Adrian A. Perachio
Dr. Brenda M. Ryals
Dr. Allen Ryan
Dr. Ernest Weymuller

¹For the record, it is noted that members absent themselves from the meeting when the Council is discussing applications (a) from their respective institutions or (b) in which a real or apparent conflict of interest might occur. This procedure applies only to individual discussion of an application and not to "en bloc" actions.

Ex-Officio Members Participating:

Dr. Lucille B. Beck

Ex-Officio Members Not Participating:

Dr. John R. Franks
Dr. Michael E. Hoffer

The Council roster is found as Appendix 1.

Various members of the public, as well as NIDCD staff and other NIH staff, were in attendance during the open session of the Council meeting. A complete list of those present for all or part of the meeting is found in Appendix 2.

CLOSED SESSION

I. Call To Order and Opening Remarks Dr. James F. Battey, Jr.

The meeting was called to order by Dr. Battey, Director, NIDCD, who thanked Council members for their service and advice to the Institute. Dr. Battey welcomed and introduced one new member of the Council.

- **Ms. Myrna Orleck-Aiello** is the President and CEO of TCS Associates, an IT company that not only focuses on computer and networking solutions, but also is a total accessibility solutions provider. She received her Bachelor of Arts degree in communication from Gallaudet University in 1981. She has been involved in many professional organizations, including the National Association of the Deaf (member), World Federation of Deaf, Rome, Italy (representative 1981); Rhode Island Association of the Deaf (founder), Deaf Entrepreneurs Council (co-founder), and the Metropolitan Washington Telecommunications Directory for the Deaf and Hard of Hearing (co-founder). Ms. Orleck-Aiello was named 2004 Entrepreneur of the Year by "Professional Woman's Magazine." In 2002, Merrill Lynch Foundation and Gallaudet University's program, Signs of Success, recognized her as one of ten successful deaf business leaders around the nation. She was named Entrepreneur of the Year in 1998 by Venture Magazine and Arthur Young Entrepreneurial Services. She is the first Deaf woman to be awarded the 8(a) certification by the Small Business Administration.

Dr. Battey explained that the Institute was trying something new at this meeting, by starting the meeting in Closed Session with only Council members and key NIH staff involved. This change was motivated by comments from Council members that the Closed Session often feels rushed, since it is usually late on the agenda. Therefore, the agenda was changed, so that the grant applications can be reviewed first thing in

the morning, followed by Open Session. The Institute's goal is to make sure that discussion and deliberations are not rushed during the Closed Session and that all members may fully participate. He encouraged Council to submit comments following the meeting about the effectiveness of this new approach.

II. Council Procedures Dr. Craig A. Jordan

Procedural Matters

Dr. Jordan discussed important procedural matters, including requirements imposed by the Government in the Sunshine Act and the Federal Advisory Committee Act. The necessity of members to avoid conflict of interest, or the appearance thereof, was stressed, as was the need to maintain confidentiality concerning the proceedings and materials related to the closed portion of the meeting. Dr. Jordan announced that the Council meeting would be closed for consideration of grant applications during the morning session, but would be open to the public at approximately 10:45 a.m.

III. Council Consideration of Pending Applications

The Council gave special attention to applications involving issues related to protection of human subjects, animal welfare, biohazards and/or women/minority/children representation in study populations as identified by the initial review groups. The Council individually discussed applications being considered for High Program Priority, from New Investigators, and whenever additional discussion was required.

A. Research Project Grant Awards

1. Consideration of Applications: On the Council's agenda was a total of 116 investigator-initiated research grant applications; 108 applications had primary assignment to NIDCD, in the amount of \$30.08 million first-year direct costs. It is anticipated that, of the applications competing at this Council, NIDCD will be able to award grants to applications scoring up to the 17.9 percentile.

B. Special Programs Actions

1. Institutional National Research Service Awards (T32): The Council recommended support for three applications.
2. Mentored Clinical Scientist Development Award (K08): The Council recommended support of two applications.
3. Mentored Quantitative Research Career Development Award (K25): The Council recommended support of two applications.

4. NIDCD Research Core Center Grants (P30): The Council recommended support for one application.
5. Small Grants (R03): The Council recommended support for eleven applications.
6. AREA Grants (R15): The Council recommended support of two applications, if funds allow.
7. NIH Exploratory/Development Research Grant Award (R21): The Council recommended support of four applications.
8. Small Business Technology Transfer (STTR): The Council recommended support for one Phase I (R41) application.
9. Small Business Innovation Research Awards (SBIR): The Council recommended support for three Phase I (R43) applications (one additional application will be considered for support if not supported by the primary IC); and three Phase II (R44) applications.
10. PAR-05-055 Jointly Sponsored Ruth L. Kirschstein National Research Service Award Institutional Predoctoral Training Program in the Neurosciences. The Council supported NIDCD's participation with other NIH Institutes in support of applications received (applications will be divided up among the participating institutes).

OPEN SESSION

IV. Opening Remarks Dr. Battey

Dr. Battey welcomed additional staff and several visitors to the open session of the meeting.

Consideration of Minutes of the Meeting of September 1, 2005

Dr. Battey called members' attention to the minutes of the September 1, 2005 meeting of the Advisory Council. The minutes were approved as written.

Confirmation of Dates for Future Council Meetings

Dates for the Council meetings through September 2007 have been established. A list of these meetings was distributed to the Council members and posted on the web site prior to this meeting. The next meeting of Council is scheduled for Friday, May 19, 2006, in Building 31, Conference Room 6 on the NIH campus, Bethesda, Maryland.

V. Report of the Director, NIDCD Dr. Battey

Budget Considerations:

Dr. Battey explained the NIH decision to reduce noncompeting FY2006 research projects by 2.35 percent and detailed how this impacted the other NIDCD budget categories. He emphasized that this strategy would allow NIDCD to maintain the payline established at the prior meeting.

Dr. Battey indicated that the FY 2006 budget is based on the President's requested level and he discussed how the \$277.7 million available for research project grants will be allocated. From this total, \$9.1 million is reserved for Small Business Innovation Research grants, \$0.75 million for administrative supplements, \$203.4 million for commitments to noncompeting grants, \$0.37 million for carryover commitments from prior Council meetings, \$10 million for program requirements, \$809 thousand for AIDS funding, and \$500 thousand for co-funding an NIH Knock-Out Mouse initiative. Twenty percent of the remaining \$52.7 million is designated for High Program Priority (HPP). When apportioned for the three Council meetings in FY 2006, \$3.5 million is available for HPP applications at the January meeting. The budget has \$14 million available for the initial payline at this meeting, which should allow funding of all applications up to the 17.9 percentile, plus the \$3.5 million available to fund additional HPP applications. A copy of the slides Dr. Battey used for his budget presentation is included in these minutes as Appendix 3.

VI. Report of the Director, Division of Extramural Activities..... Dr. Jordan

Dr. Jordan presented the report of the Director of the Division of Extramural Activities.

Endorsement of Council Operating Procedures

Dr. Jordan called Council's attention to a copy of the Council Operating Procedures which had been provided to each member prior to the meeting. The Council Operating Procedures state those actions which Council empowers staff to take without specific prior Council approval. It is the NIDCD's practice to review the Council Operating Procedures annually at the January meeting of Council. There were no suggested changes to the document this year. Dr. Jordan reviewed the document and it was endorsed unanimously for the current year, and is included in these minutes as Appendix 4.

NIDCD Strategic Plan FY2006-08

Dr. Jordan reported that the new 2006-2008 NIDCD Strategic Plan is finished, and has been posted on the NIDCD website (www.nidcd.nih.gov/about/plans/strategic/index.asp).

NIH Extramural Nexus

Dr. Jordan discussed a new publication released by the NIH Office of Extramural Research (OER) (<http://grants2.nih.gov/grants/nexus.htm>). The NIH Extramural Nexus is a bimonthly update which will provide the external scientific community with updates on NIH policies and activities as well as an opportunity to gain a better understanding of the operation of extramural programs. OER intends the Nexus to be a two-way communications portal between the NIH and the extramural community.

Financial Policy for Grant Awards – FY 2006

Next, Dr. Jordan introduced Mr. Christopher Myers, Chief, Grants Management Branch, who discussed the FY 2006 financial policy for grant awards. On December 1, 2005, it was announced in the NIH Guide that non-competing research grant awards would be awarded at a level below the level recommended for FY 2006; generally at 80 percent. NIDCD issued 145 in this manner (December and January 1 starts). Once NIH received its FY 2006 appropriation, it was decided that all Research Projects Grants (RPGs) will be awarded at 97.65 percent of the FY 2006 recommended level. Projects awarded at 80 percent are to be revised to restore funding at the 97.65 percent level. NIDCD will also apply a 2.35 percent reduction to the noncompeting Center grant program but will not apply this reduction to the noncompeting Career or Conference grant programs. The SBIR/STTR is a set-aside program and is not, therefore, subject to this reduction. Training Grants and fellowships are subject to guidance published in a separate Guide announcement. Mr. Myers explained that other research grant programs are subject to each Institute's policy. The NIH Policy is to manage competing RPGs to an average award amount equal to the FY2005 level; however, NIDCD will not have difficulty achieving this, since the average amount will be an NIH average amount.

Mr. Myers directed the Council to the following web sites for additional information:

- NIH Guide Notice FY 2006 Funding:
<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-06-025.html>;
- NIH Guide Notice FY 2006 NRSA Funding:
<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-06-026.html>;
- Nexus Article:
<http://grants.nih.gov/grants/outsider/0106Nexus.htm#Budget>

VII. What Children's Hands Tell Us

About Language Learning.....Dr. Susan Goldin-Meadow

Dr. Battey welcomed Dr. Susan Goldin-Meadow, who had accepted NIDCD's invitation to discuss her research in a presentation entitled "What Children's Hands Tell Us About Language Learning."

Following is an abstract of Dr. Goldin-Meadow's presentation:

"What Children's Hands Tell Us About Language Learning."

Imagine a child who has never seen or heard any language at all. Would such a child be able to invent a language on her own? Despite what one might guess, the answer to this question is "yes". This research describes children who are congenitally deaf and cannot learn the spoken language that surrounds them. In addition, they have not yet been exposed to sign language, either by their hearing parents or their oral schools. Nevertheless, the children use their hands to communicate - they gesture - and those gestures take on many of the forms and functions of language. The properties of language that we find in the deaf children's gestures are just those properties that do not need to be handed down from generation to generation, but can be reinvented by a child de novo. They are the resilient properties of language, properties that all children, deaf or hearing, come to language-learning ready to develop.

In contrast to these deaf children who are inventing a language with their hands, hearing children are learning language from a linguistic model. But they too produce gestures. Indeed, young hearing children often use gesture to communicate before they use words. Interestingly, changes in a child's gestures not only predate but also predict changes in the child's early language, suggesting that gesture may be playing a role in the language-learning process. But what role might it play? Gesture could influence language-learning by eliciting from adults the kinds of words and sentences that the child needs to hear in order to take the next linguistic step. Gesture thus not only reflects the language-learning stages through which a young child passes - it may play a role in language-learning itself.

Gesture is versatile in form and function. Under certain circumstances, gesture can substitute for speech, and when it does, it embodies the resilient properties of language. Under other circumstances, gesture can form a fully integrated system with speech and can predict when and how a child will learn.

VIII. Scientific Presentation.....Dr. David Ornitz

Dr. Battey welcomed Dr. David Ornitz, who accepted NIDCD's invitation to discuss his research. Dr. Ornitz is a Professor in the Department of Molecular Biology and Pharmacology at the Washington University Medical School. Dr. Ornitz's presentation was entitled "Otopetrin1: A Novel Regulator of Intracellular Calcium Required for Otoconial Formation."

Following is an abstract of Dr. Ornitz's presentation:

"Otopetrin1: A Novel Regulator of Intracellular Calcium Required for Otoconial Formation"

Otoconia are calcium carbonate biominerals in the vertebrate inner ear that are required for normal balance and the sensation of linear acceleration (gravity). Degeneration or displacement of otoconia is a significant etiology of age-related balance disorders and Benign Paroxysmal Positional Vertigo. Despite such clinical significance relatively little is known about the development and maintenance of otoconia. *Tilted* and *mergulhador* mice carry mutations within the novel gene *Otopetrin1* (*Otop1*) and lack otoconia, but have normal inner ear development. *Otop1* encodes a multi-transmembrane domain protein with no homology to known transporters, channels, or receptors. *Otop1* and its paralogues *Otop2* and *Otop3* define a new gene family with homology to the invertebrate Domain of Unknown Function (DUF270) genes, which we have identified as Otopetrin Domain Proteins (ODP) in a variety of vertebrate and invertebrate species using computer-based genomic analysis. We show that *Otop1* is required for the initiation of otolith formation in the zebrafish using morpholino-mediated knockdown techniques. Loss of *Otop1* expression leads to otolith agenesis without affecting the sensory epithelium or other inner ear structures, demonstrating that *Otop1* has an essential and conserved role in the timing and formation of the developing otolith. To further elucidate the role of *Otop1* in otoconial formation, we generated expression constructs containing full-length *Otop1*, in addition to a deletion series and induced point mutations, to examine its activity in cultured cells. In chick utricular macular cells EGFP-tagged *Otop1* localizes to plasma membrane blebs, which may represent the precursor of matrix vesicle mediated mineralization in the inner ear. *Otop1* overexpression in immortalized cell lines or primary chick utricular cultures leads to depletion of endoplasmic reticulum calcium stores, specific inhibition of the purinergic receptor P2Y, and initiation of a novel P2X-like purinoceptor influx of extracellular calcium in response to ATP-like nucleotides. Utilizing a deletion series and naturally occurring mutations in *Otop1*, we have identified the Otopetrin domain as required for different aspects of the purinergic response. This combination of activities is unique to the *Otop* family and one or all of these activities may be required for the role of *Otop1* in otoconial development in the mouse.

IX. Report of the Director, Division of Scientific Programs Dr. Judith Cooper

NIH Loan Repayment Program

Dr. Cooper introduced Dr. Daniel Sklare, Research Training Officer and Loan Repayment Coordinator, Division of Scientific Programs, NIDCD.

Dr. Sklare updated the Council on the NIH's Extramural Loan Repayment Programs (LRPs). He explained that the goal of this program is to provide an incentive for "health professionals" to integrate clinical research, pediatric research and other targeted research areas into their career trajectories. There are five LRPs at NIH; these include the Clinical Research LRP; the Pediatric Research LRP; the Clinical Research LRP for Individuals from Disadvantaged Backgrounds; the Health Disparities Research LRP (NCMHD); and the Contraception and Infertility LRP (NICHD).

NIDCD's involvement in the program is specific to the Clinical Research and Pediatric Research LRPs. Clinical Research is defined by the NIH as "patient-oriented research," and pediatric research is defined as research directly related to diseases, disorders and/or other conditions in children. Dr. Sklare outlined the qualifications that must be met in order to participate in the LRP. The NIH Extramural LRP on-line application process for FY06 closed on Dec 1, 2005. In January 2006, 33 LRP applications (14 new applications and 19 renewals) were assigned to NIDCD. Funding decisions are expected to be announced in August 2006. The next application cycle is expected to open in September 2006.

Dr. Sklare completed his presentation by detailing the number of LRP applications received and contracts awarded across the NIH since FY02, and summarized the allocations and awards made specifically by the NIDCD during that same time period. Of the 35 NIDCD LRP Awards for FY05: Fourteen (40%) are renewal awards. Thirteen awardees hold an NIH grant (2 F32s, 1 K23, 5 R03s, 1 R21 and 4 R01s).

Dr. Sklare told Council that they could help by alerting potential applicants, academic department chairs and program directors, particularly those in clinical departments, to the NIH LRPs.

Interested applicants may obtain additional information about eligibility requirements, benefits of the program, application forms, and submission dates at the NIH Office of Loan Repayment web site (www.lrp.nih.gov) or by calling the LRP Help Line: (866) 849-4047. Specific questions about NIDCD's participation in the program should be directed to Dr. Daniel Sklare, Research Training Officer and Loan Repayment Coordinator, NIDCD, at (301) 496-1804 or by e-mail at sklared@nidcd.nih.gov.

**X. Update on New Research Training
And Career Development Initiatives.....Dr. Daniel Sklare**

Dr. Daniel Sklare, who serves as the Research Training Officer with the Division of Scientific Programs presented an update on new research training and career development initiatives.

The present report, presented in follow-up of a May 2004 report to the Council (http://www.nidcd.nih.gov/staticresources/about/groups/ndcdac/minutes/may04/minutes_may04.pdf), evaluated the performance and outcomes of developments in the NIDCD Fellowship Program since 2000. The NIDCD Fellowship Program continues to be very popular, with a robust number of applications (n=55-80) per review round. In FY04, NIDCD and NIH fellowship application success rates were 53% and 35%, respectively. NIDCD accounted for 3.6% of fellowship applications and 5.4% of fellowship awards NIH-wide in that year. With tightening of the NRSA budget in FY05, the NIDCD fellowship success rate began to decline and approach the NIH-wide success rate. The NIDCD fellowship review and funding process is unique. The Institute reviews the large majority of its fellowships within its own uniformly-calibrated peer review group, the Communication Disorders Review Committee. The lower (~50%) tier of applications is unscored by unanimous agreement of the reviewers. An expedited submission-to-award schedule, as short as 4-5 months, is employed. This expedited fellowship review and award process allows funding to begin earlier for successful applicants and enables unfunded applicants with addressable reviewer critiques to revise in time for the coming fellowship submission date. It is significant that approximately one-third of revised fellowship applications to the NIDCD are awarded, and that rapidly revised applications fare as well, with respect to funding, as applications revised with a longer time window (i.e., with the skipping of a submission cycle).

Dr. Sklare also presented information on new NIDCD and NIH research training and career development program initiatives, including the following: 1) Short-Term Institutional Research Training (T35) Grants for Professional Doctoral (AuD) Students in Audiology (PA-05-117); 2) NIDCD Mentored Research Scientist Development (K01) Award (PA-06-001); 3) NIDCD Short-Term Enhancement (K18) Award for Research Careers in Language and Autism (RFA-DC-07-003); and, 4) NIH Pathway to Independence (PI) Award (K99/R00)(PA-06-133).

XI. Adjournment: The meeting was adjourned at 2:30 p.m. on January 20, 2006.

XII. Certification of Minutes

We certify that, to the best of our knowledge, the foregoing minutes and attachments are accurate and correct.²

Craig A. Jordan, Ph.D.
Executive Secretary
National Deafness and Other Communication
Disorders Advisory Council

James F. Battey, Jr., M.D., Ph.D.
Chairman
National Deafness and Other Communication
Disorders Advisory Council

Director
National Institute on Deafness and
Other Communication Disorders

Jeannie Combs
Council Assistant

² These minutes will be formally considered by the NDCD Advisory Council at its next meeting; corrections or notations will be incorporated in the minutes of that meeting.

APPENDICES

	<u>PAGE</u>
<u>APPENDIX 1</u>	NDCD Advisory Council Roster..... 13
<u>APPENDIX 2</u>	List of Meeting Attendees 15
<u>APPENDIX 3</u>	NIDCD Director's Report Slides..... 17
<u>APPENDIX 4</u>	Council Operating Procedures 20

Appendix 1

Roster

National Deafness and Other Communication Disorders Advisory Council

Chairperson

James F Battey, Jr., M.D., Ph.D., Director
National Institute on Deafness and Other Communication Disorders
Bethesda, Maryland 20892

ACHE, Barry W., Ph.D Director, Center for Smell and Taste Distinguished Professor of Zoology and Neuroscience, Whitney Laboratory University of Florida Gainesville FL 32610-0127	2007	GOLDIN-MEADOW, Susan J., Ph.D. Beardsley Ruml Distinguished Service Professor Department of Psychology Division of Social Sciences University of Chicago Chicago, IL 60637	2008
ANDERSON, Noma B., Ph.D. Dean and Professor Florida International University School of Health Miami, FL 33199	2006	KENT, Ray D., Ph.D. Professor Department of Communicative Disorders University of Wisconsin Madison, WI 53705-2280	2006
BATES-BOUCHER, DONNA Bates Group, Inc. Eight Hyde Park Circle Denver, CO 80209	2009	MIYAMOTO, Richard T., M.D. Professor and Chairman Department of Otolaryngology Indiana University School of Medicine Indianapolis, IN 46202	2006
CAYNE, Patricia D., Ph.D. Educational Neuropsychologist Private Practice New York, NY 10022	2006	NGAI, John J., Ph.D. Professor of Neurobiology Department of Molecular and Cell Biology University of California Berkeley, CA 94720-3200	2007
CONTURE, Edward G., Ph.D. Professor and Director, Graduate Studies Vanderbilt University Medical Center DHSS Graduate Studies and Research Vanderbilt University Nashville, TN 37232-8242	2008	OERTEL, Donata, Ph.D. Professor Department of Physiology University of Wisconsin Madison, WI 53706	2007
FISCHEL-GHODSIAN, Nathan, M.D. Professor of Pediatrics Cedars-Sinai Medical Center Los Angeles, CA 90048	2009		

ORLECK-AIELLO, Myrna "MO" 2009
CEO/President
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PERACHIO, Adrian A., Ph.D. 2006
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RYAN, ALLEN F., Ph.D. 2009
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WEYMULLER, ERNEST A., M.D. 2009
Chair and Professor
Department of Otolaryngology-HNS
University of Washington
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Seattle, WA 98195

EX-OFFICIO MEMBERS:

BECK, Lucille B., Ph.D.
Director
Audiology & Speech Pathology Service
(117A) Department of Veterans Affairs
Washington, DC 20422

FRANKS, John R., Ph.D.
Chief, Bioacoustics and
Occupational
Vibration Section
Physical Agent Effects Branch
Division of Biomedical and Behavioral Science
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Cincinnati, OH 45226

HOFFER, Michael E., M.D.
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Center
Department of Otolaryngology
Naval Medical Center
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LEAVITT, Michael
Secretary
Department of Health and
Human Services, Room 615F
Hubert H. Humphrey Building
Washington, DC 20201

ZERHOUNI, Elias Adam, M.D.
Director
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EXECUTIVE SECRETARY

JORDAN, Craig A., Ph.D.
Director
Division of Extramural Activities, NIDCD
Bethesda, MD 20892-7180

Rev. 01/23/06

ATTENDANCE LIST

Other than Council members, attendees at the September 1, 2005 Council meeting included:

NIDCD Staff:

Office of Health Communication and Public Liaison

Blessing, Patricia, Acting Chief
Wenger, Jenny, Technical Writer

Office of Administration

Kerr, W. David, Executive Officer

Financial Management Branch

Rotariu, Mark, Chief
Stewart, Lesley, Management Intern

Science Policy and Planning Branch

Wong, Baldwin, Chief
Cole, Laura, Ph.D., Science Policy Analyst
Montney, Lisa, Science Policy Analyst
White-Olsen, Anne, Program Analyst

Division of Extramural Activities

Jordan, Craig A., Ph.D., Director
Combs, Jeannie, Program Analyst

Grants Management Branch

Myers, Christopher, Chief
Cerny, Rosemary, Management Intern
Dabney, Sherry, Grants Management Officer
Doan, Hoai, Grants Management Specialist
Garcia, Maria, Grants Management Specialist
Hamilton, Gail, Grants Management Specialist
McNamara, Castilla, Ph.D., Grants Management Specialist
Ranney, Meigs, Grants Management Officer

Scientific Review Branch

Stick, Melissa J., Ph.D., M.P.H., Chief
Oaks, Stanley C., Ph.D., Scientific Review Administrator
Singh, Sheo, Ph.D., Scientific Review Administrator
Yang, Shiguang A., Ph.D., Scientific Review Administrator

Division of Scientific Programs

Cooper, Judith, Ph.D., Director

Voice, Speech, Language, Smell and Taste Branch

Cooper, Judith, Ph.D., Program Director, Language Program
Davis, Barry, Ph.D., Program Director, Smell and Taste Program
Shekim, Lana, Ph.D., Program, Director, Voice & Speech Program
Sklare, Daniel A., Ph.D., Program Director, Research Training and
Development Program

Hearing and Balance/Vestibular Branch

Donahue, Amy, Ph.D., Chief; and Program Director, Hearing
Freeman, Nancy, Ph.D., Program Director, Hearing
Luethke, Lynn, Ph.D., Program Director, Hearing
Miller, Roger, Ph.D., Program Director, Hearing
Platt, Christopher, Ph.D., Program Director, Balance/Vestibular
Watson, Bracie, Ph.D., Program Director, Hearing

Translational Research Branch

Chin, Ling, M.D., MPH, Chief
Hoffman, Howard, Program Director for Epidemiology & Biostatistics

Division of Intramural Research

Kachar, Bechara, M.D., Chief, Section on Cell Structure, Laboratory of Cellular Biology

Division of Extramural Administrative Support, OER, NIH

Holmes, Debbie, Extramural Support Assistant
Stephenson, Nanette, Extramural Support Assistant

Center for Scientific Review, NIH

Clayton, Edwin, Ph.D. Scientific Review Administrator
Melchior, Christine, Ph.D., Chief, Integrative, Functional, and Cognitive Neuroscience IRG
Kenshalo, Daniel, Ph.D., Scientific Review Administrator
Ni, Weijia, Ph.D., Scientific Review Administrator
Tian, Biao, Ph.D., Scientific Review Administrator

National Human Genome Research Institute, NIH

Hurle, Belen, Ph.D., Research Fellow, Genome Technology Branch

Others

Berkowitz, Alicia, Masimax Resources
Breckenridge, Devlin, Sign Language Associates
Pam Carchio, Sign Language Associates
Ornitz, David, M.D., Ph.D., Professor, Department of Molecular Biology and Pharmacology,
Washington University Medical School.

Appendix 3

NIDCD Director's Report Slides

As Presented By

James F. Battey, Jr., M.D., Ph.D.
Director, NIDCD

NIDCD Advisory Council Meeting

January 20, 2006

National Institute on Deafness and Other Communication Disorders

JANUARY 2006 Council Budget Mechanism (Dollars in thousands)

<i>Budget Mechanism</i>	<u>FY 2005 Appropriation</u>		<u>FY 2006 Appropriation</u>	
	<i>Number</i>	<i>Amount</i>	<i>Number</i>	<i>Amount</i>
Research Projects				
Noncompeting	683	\$212,189	641	\$203,434
Admin. Supplements	(23)	757	(23)	750
Competing	201	60,025	216	64,442
Subtotal	<u>884</u>	<u>272,971</u>	<u>857</u>	<u>268,626</u>
SBIR/STTR	<u>32</u>	<u>9,317</u>	<u>45</u>	<u>9,125</u>
Subtotal, RPG's	916	282,288	902	277,751
Research Centers	21	17,139	20	18,000
Other Research	<u>60</u>	<u>9,440</u>	<u>63</u>	<u>9,950</u>
Total Research Grants	997	308,867	985	305,701
Individual Training	147	5,531	144	5,500
Institutional Training	190	7,677	183	7,530
R & D Contracts	54	18,818	54	19,506
Intramural Research		34,166		33,960
Research Mgmt. & Support		<u>16,709</u>		<u>17,745</u>
Total, NIDCD without Roadmap		\$391,768		\$389,942
Roadmap		<u>2,492</u>		<u>3,516</u>
Total, including Roadmap		394,260		393,458

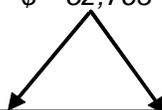
National Institute on Deafness and Other Communication Disorders

JANUARY 2006 Council Competing Research Project Grants (Dollars in thousands)

Total RPG Funds FY06 Appropriation	\$277,751 *
Less SBIR/STTR Budget	-9,125
Less Administrative Supplement Budget	-750
Less Noncompeting Budget	-203,434 **
Less FY06 "Carryover" Commitments from prior Council meetings	-370
Less FY06 Program Requirements	-10,000
Less FY06 AIDS funding	-809
Less FY06 Knock-Out Mouse co-funding	-500

Total

\$ 52,763



	<u>20% HPP</u>	<u>80% Regular</u>
For FY 2006	\$10,553	\$42,210
Per council meeting	\$3,518	\$14,070

* Excludes Roadmap funds.

** Reflects a 2.35% reduction from full commitments.

Appendix 4

NIDCD Advisory Council Operating Procedures

(As endorsed by Council January 20, 2006)

The Institute staff may take the following actions without Council review. All actions shall be documented and presented to the Council for its information at the first appropriate opportunity.

1. Approval of New Principal Investigator or Program Director

Give approval of a new principal investigator or program director to continue an active grant at the grantee institution.

2. Replacement of Research Grant for Investigator Who Moves to a New Institution

Make research grant awards equal to the remaining committed support for continuing work under the same principal investigator when that principal investigator moves from one domestic institution to another. This provision will not be automatic, however. Staff may approve less than the remaining committed support and will in all cases carefully document the file with the rationale for the action.

3. Awards for Orderly Termination

Make appropriate awards for orderly termination of competing continuation applications which were not recommended for further consideration, or which received a score too low for payment; this procedure is to be used in those cases where sudden termination of the grant would cause a serious loss of scientific material or impose a hardship to already employed personnel. In such cases, (1) the grant usually should be for a period not to exceed twelve months; (2) careful review should be given to any unobligated balances and needs for salaries and consumable supplies; (3) usually no funds would be provided for additional equipment or travel; and (4) in the case of training grants, support would be provided for those trainees already in the program.

4. Awards for Interim Period Due to a Deferral

Make awards in an appropriate amount and for an appropriate interim period of time when a recommendation of deferral on a competing continuation application results in a loss of continuity of the active research or training program. Careful review should be given to the needs for personnel and consumable supplies; however, usually no funds would be provided for equipment or travel.

5. Supplemental Support to Existing Research and Training Awards

Provide additional support up to \$100,000 in direct costs per year to carry out the scientific, administrative and fiscal intent of the research or training award. The additional support may be necessary to: a) make NIH-wide supplemental awards for under-represented minorities, individuals re-entering science, or individuals with disabilities; b) provide administrative increases; c) cover unanticipated costs; or d) ensure effective operation of the recommended program. Increases greater than \$100,000 will be presented to the NDCD Advisory Council for approval before an award is made.

Institute staff may take the following actions without subsequent reporting to the Council.

1. Continuation of Grant in Temporary Absence of Principal Investigator or Program Director.

Give approval for continuation of grants in the temporary absence of the principal investigator or program director.

2. Extension of Project Period Dates

Take necessary action on extensions of project period end dates without additional funds.

3. Scientific Evaluation Grants

Take final action in awarding supplements to the chairpersons of the NIDCD research and training review committees in an amount necessary to carry out the functions of the committees.